



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090315

**Mode:** Highway

**Status:** Submitted

### SR-1005 (Startown Road)

**From/Cross Street:** US 70

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** NC 10

**Project Category:** Division Needs

**Length:** 4.62

**TIP#:** R-5113

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$42,869,000

#### Description:

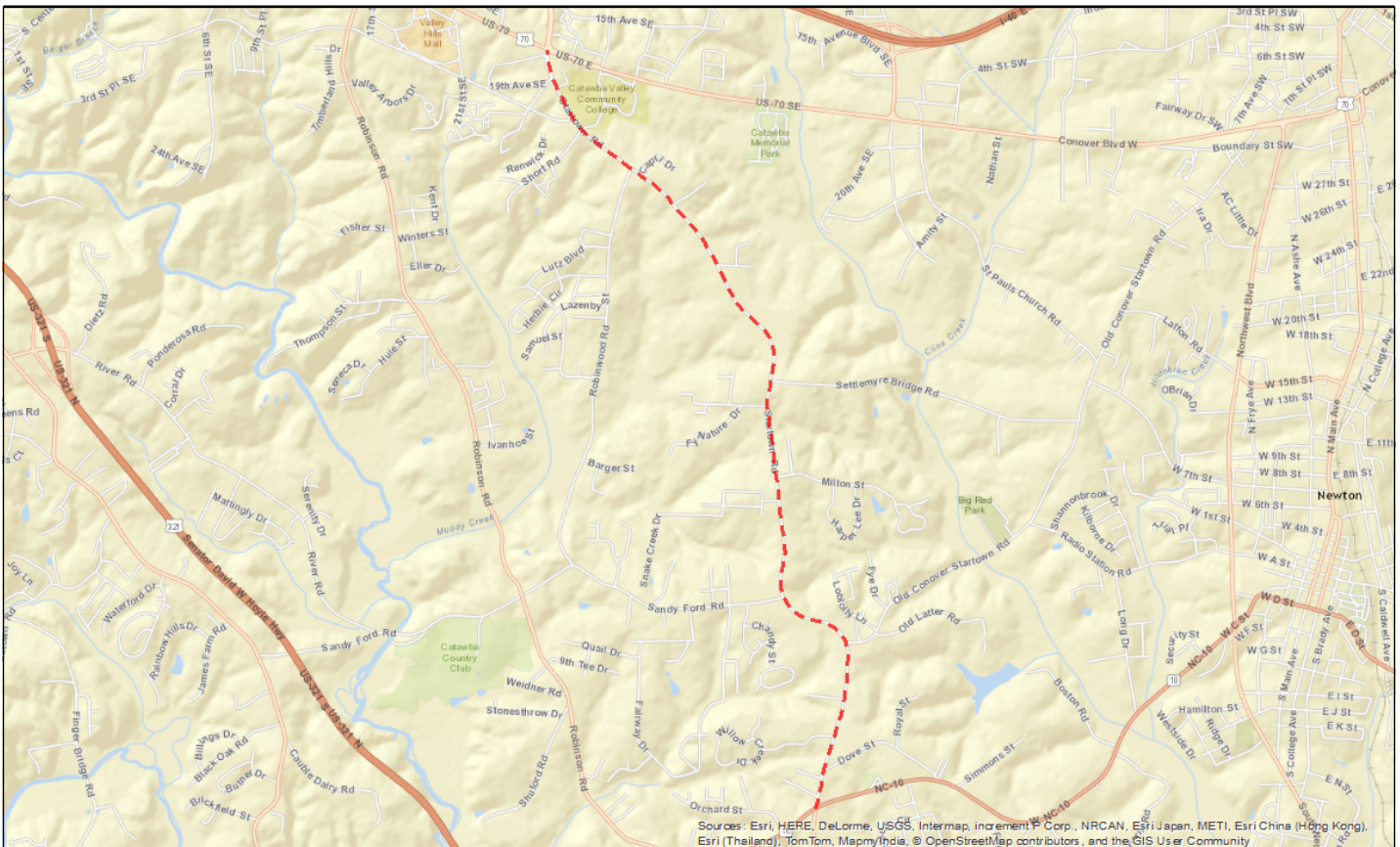
Widen to Multi-Lanes.

**Division(s):** Division 12

**County(s):** CATAWBA

**MPOS(s)/RPO(s):** Greater Hickory MPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	Percent: 15% Points: 0	Percent: 15% Points: 0

**Division Needs Total Score: 40.42**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)                      43.80 Safety (10%)                                      64.45 [Travel Time] Benefit/Cost (20%)           1.07  <b>Totals: Weight: 50% Weighted Score: 15.42</b>	Percent: 25% Points: 0	Percent: 25% Points: 100

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	44
Length (miles):	4.62
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10683.31
Capacity:	16217.8
Volume/Capacity Ratio:	0.66
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	92.63
Crash Severity:	62.3
Critical Crash Rate:	38.44
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	96
Actual Congested Speed:	40.11
Travel Time Index:	1.09

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	4.62
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2082424.42
Travel Time Savings for 30 Years (Autos):	2082424.42
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 12

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

Division	Percent	Regional Impact	Division Needs
Division 12	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Greater Hickory MPO	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$36,594,000	TIP Unit
Right-of-Way Cost:	\$5,603,000	Cost Estimation Tool
Utilities Cost:	\$672,000	Cost Estimation Tool
Total Project Cost:	\$42,869,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$42,869,000</b>	